

# Aroma Timer Incense Stick and Candle

## Public Disclosure Document

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### 0. Executive Summary

The Aroma Timer Incense Stick and Candle are novel meditation tools using dual-material designs (e.g., neutral base, oud, sandalwood) with timed scent transitions to signal intervals non-disruptively. **Incense Stick** variants:

- **Neutral-to-Oud:** 25-minute scentless burn, then oud (~40–45 min).
- **Oud-to-Neutral-to-Sandalwood-to-Oud:** Oud (10 min), neutral (10 min), sandalwood (15 min), oud (5 min, 40 min). **Candle Timer** mirrors these, using layered wax (e.g., unscented paraffin, oud/sandalwood-infused) for similar transitions (40–60 min). The incense stick (Ø 2 mm, 200 mm, COGS \$0.10–\$0.15) is primary, with the candle (COGS \$0.50–\$1) as an alternative. Both target the ~\$4–5 billion incense market (40–50% of ~\$10 billion oud market, 2025), leveraging oud's premium aroma (4.3–4.5/5 purity, -30% PAH). Patentable due to novel scent transition timing, aimed at U.S./UAE spas, Saudi Arabia/Russia majlis, Japan Kōdō rituals. PCT filing planned by November 14, 2025 (urgent due to disclosure).

**Visual Aid:** [Diagram: Incense stick (200 mm, layered neutral/oud or oud/neutral/sandalwood/oud) and candle (layered wax, same scents), burning in holders. Caption: "Scent-Based Meditation Timers."]

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### 1. Problem Statement

Meditation requires precise timing (e.g., 25–40 minutes), but alarms disrupt focus. Uniform-scent incense (e.g., sandalwood, oud) and candles lack interval cues. Users in U.S., UAE, Japan, GCC need eco-friendly, non-disruptive timers using oud aromas.

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### 2. Invention Description

**Purpose:** Dual-material incense stick and candle with timed scent transitions for meditation timing.

**Incense Stick Specs:**

- **Body:** Hand-rolled (Ø 2 mm, 200 mm, ~40–45 min burn), layered:
  - **Neutral Base:** Unscented bamboo pulp, makko binder, ~1 mm/min.
  - **Oud:** Agarwood powder/chips, woody (4.3–4.5/5).
  - **Sandalwood:** Santalum powder, creamy (4.3/5).
- **Variants:**
  - **Neutral-to-Oud:** 125 mm neutral (25 min), 75 mm oud (15–20 min).
  - **Oud-to-Neutral-to-Sandalwood-to-Oud:** 50 mm oud (10 min), 50 mm neutral (10 min), 75 mm sandalwood (15 min), 25 mm oud (5 min).
- **Burn Rate:** ~1 mm/min (Proto A pending).

- **Finish:** Natural, food-contact compliant.
- **Holder:** Ceramic/bamboo, optional perforated ring.

#### **Candle Timer Specs:**

- **Body:** Layered wax (e.g., soy, paraffin, Ø 50 mm, height 100 mm, ~40–60 min burn), infused with:
  - **Neutral Wax:** Unscented, ~2–3 mm/hour.
  - **Oud Wax:** Oud oil, woody (4.3–4.5/5).
  - **Sandalwood Wax:** Sandalwood oil, creamy (4.3/5).
- **Variants:** Same as incense (Neutral-to-Oud; Oud-to-Neutral-to-Sandalwood-to-Oud), timed for ~40–60 min (e.g., 25 min neutral, 15–20 min oud).
- **Burn Rate:** ~2–3 mm/hour (Proto A pending).
- **Finish:** Natural oils, food-contact compliant.
- **Holder:** Glass or ceramic, wick-centered.

#### **Operation:**

- **Incense:** Light, place in holder. Neutral-to-Oud: Scentless (25 min), oud signals end. Oud-to-Neutral-to-Sandalwood-to-Oud: Oud (focus), neutral (calm), sandalwood (grounding), oud (end). Extinguish, ventilate (ISO 13571).
- **Candle:** Light wick, place in holder. Similar transitions, slower burn (~40–60 min). Extinguish, ventilate.

#### **Performance:**

- **Scent Transitions:** Incense: Precise ( $25 \pm 2$  min neutral-to-oud; 10-20-35-40  $\pm 2$  min oud-neutral-sandalwood-oud). Candle: Less precise ( $\sim 25 \pm 5$  min) due to slower burn (Proto A pending).
- **Aroma Purity:** 4.3–4.5/5, -30% PAH (Proto A pending).
- **Burn Time:** Incense: 40–45 min; Candle: 40–60 min.
- **Safety:** Low smoke (incense), minimal soot (candle), ventilate.

#### **Advantages:**

- Non-disruptive meditation timing via scent.
- Incense: Precise, low COGS (\$0.10–\$0.15), oud market fit.
- Candle: Aesthetic, wellness appeal, complementary to incense.
- Eco-friendly, targets \$4–5 billion incense market.

#### **Manufacturing:**

- **Incense:** Hand-rolled (India/Japan), layered (neutral: \$0.02, oud: \$0.10, sandalwood: \$0.05, binder: \$0.03). COGS: \$0.10 (Neutral-to-Oud), \$0.15 (Oud-Neutral-Sandalwood-Oud), retail \$2 (20-pack, 87–90% margin).

- **Candle:** Poured wax (soy/paraffin: \$0.30, oud oil: \$0.15, sandalwood oil: \$0.10, wick/glass: \$0.05). COGS: \$0.50 (Neutral-to-Oud), \$0.60 (Oud-Neutral-Sandalwood-Oud), retail \$5 (single, 88–90% margin).
- **Primary:** Incense (Neutral-to-Oud, COGS \$0.10) for U.S./UAE.

**Visual Aid:** [Diagram: Incense (200 mm, layered) and candle (100 mm, layered), showing neutral/oud or oud/neutral/sandalwood/oud phases. Caption: “Dual-Format Aroma Timers.”]

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### 3. Patentability Analysis

#### Incense Stick:

- **Novelty:** High. No prior art shows incense with sequential scent transitions (e.g., 25-minute neutral-to-oud) for meditation timing. Uniform scents (e.g., Aroma Valley Oud) or multi-scent packs (e.g., My Zen Temple) lack timing function.
- **Non-Obviousness:** High. Layering materials (neutral base, oud, sandalwood) for timed transitions and meditation use is a non-obvious leap over uniform incense or alarms.
- **Industrial Applicability:** Feasible (hand-rolling, burn rate control), useful for meditation, targets \$4–5 billion incense market.
- **Conclusion:** Likely patentable, pending USPTO/WIPO search.

#### Candle Timer:

- **Novelty:** Moderate. Layered scent candles (e.g., Byredo, US 6,767,904) exist for aesthetics, not meditation timing. No prior art uses oud/sandalwood scent transitions for 25-minute intervals.
- **Non-Obviousness:** Moderate. Builds on layered candles, but meditation timing adds non-obvious utility. Precise timing (e.g., 25 min) requires novel burn rate engineering.
- **Industrial Applicability:** Feasible (wax layering, scent infusion), useful for wellness, but slower burn reduces precision vs. incense.
- **Conclusion:** Likely patentable with narrow claims (e.g., “oud-neutral-sandalwood candle for meditation timing”), pending patent search. Less novel than incense due to layered candle art.

#### Challenges:

- **Incense:** Validate precise transitions (25 ± 2 min, Proto A). Search for obscure layered incense patents.
  - **Candle:** Closer prior art (layered candles) risks broad claim rejection. Slower burn (~2–3 mm/hour) and scent diffusion reduce timing accuracy.
  - **Strategy:** File both in provisional application (November 14, 2025) for broader protection, prioritize incense for development due to novelty, cost, and market fit.
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### 4. Performance-Validation Plan

Test	Metric	Target	Result
Scent Transition Timing (Incense)	Neutral-to-oud at $25 \pm 2$ min; oud-neutral-sandalwood-oud at 10-20-35-40 $\pm 2$ min	Pass	Pending (Proto A)
Scent Transition Timing (Candle)	Neutral-to-oud at $25 \pm 5$ min; oud-neutral-sandalwood-oud at 10-20-35-40 $\pm 5$ min	Pass	Pending (Proto A)
Scent Separation	Distinct neutral/oud/sandalwood phases, no blending	Pass	Pending (Proto A)
Aroma Purity	4.3–4.5/5, -30% PAH	Pass	Pending (Proto A)
Burn Consistency	Incense: $\sim 1$ mm/min, 40–45 min; Candle: $\sim 2$ –3 mm/hour, 40–60 min	Pass	Pending (Proto A)
Safety	Low smoke (incense), minimal soot (candle), ventilate	Pass	Pending (Proto A)

**5. Risk & Compliance Matrix**

Risk	Mitigation	Standard
Scent Transition Failure	Validate layering, burn rates (Proto A)	N/A
Smoke/Soot Irritation	Low-smoke incense, low-soot wax, ventilate (Proto A)	ISO 13571
Child Access	ISO 8317 packaging	EN 862
Burn Hazard	Use holders, QR-linked instructions	ASTM F2058
Market Confusion	Clear labeling (Neutral-to-Oud vs. Oud-Neutral-Sandalwood-Oud, incense vs. candle)	N/A

**6. Manufacturing Snapshot (10k Units)**

SKU	Process	COGS	Retail	Gross %
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Aroma Timer Stick (Neutral-to-Oud, 20-Pack)	Hand-rolling + layering	\$0.10	\$2.00	90%
Aroma Timer Stick (Oud-Neutral-Sandalwood-Oud, 20-Pack)	Hand-rolling + layering	\$0.15	\$2.00	87%
Aroma Timer Candle (Neutral-to-Oud, Single)	Wax pouring + layering	\$0.50	\$5.00	90%
Aroma Timer Candle (Oud-Neutral-Sandalwood-Oud, Single)	Wax pouring + layering	\$0.60	\$5.00	88%

## 7. Commercialization

- **Q3-2025:** Crowdfunding (U.S./UAE) for Neutral-to-Oud incense stick (\$2/20-pack), targeting ~\$4–5 billion incense market (40–50% of \$10 billion oud market, 2025). Candle (Neutral-to-Oud, \$5) as secondary offering.
- **Q4-2025:** Retail in Saudi Arabia (Oud-Neutral-Sandalwood-Oud incense/candle, majlis, \$3.23 billion GCC market), UAE (Neutral-to-Oud, spas), Russia (majlis), Japan (Kōdō rituals, ~50–60% incense share).
- **Spa Appeal:** 4.3–4.5/5 purity, eco-friendly, suits U.S./UAE wellness (20% therapeutics).
- **Investor Appeal:** Low COGS (\$0.10–\$0.15 incense, \$0.50–\$0.60 candle), scalable to premium meditation markets.

## 8. Legal Notice

This document establishes prior art under 35 U.S.C. §102(b) (published May 14, 2025). The inventor intends to file a PCT application by **November 14, 2025**, targeting U.S., Saudi Arabia, UAE, Oman, Bahrain, Qatar, Kuwait, Russia, Japan, covering dual-material incense and candle timers with timed scent transitions for meditation.

### Urgent Actions:

- Verify Archive.org upload date (May 14, 2025, or earlier) and snapshots (URLs).
- Contact Archive.org **immediately** (10:50 PM PDT, May 14, 2025) to request removal (unlikely). Document efforts.
- File PCT/provisional application **today** with USPTO/WIPO, covering incense (primary) and candle (secondary) timers. Contact a patent attorney **now**.
- File by **November 14, 2025** (Saudi Arabia, Russia, 6 months); by **May 14, 2026** (U.S., UAE, Oman, Bahrain, Qatar, Kuwait, Japan, 12 months).
- Validate Proto A (June 2025) for scent transitions, purity, burn consistency for both formats.

## 9. Save Instructions

- Copy the above text into a text editor (e.g., Notepad, Word, Google Docs).
- Save as “Aroma\_Timer\_Incense\_Candle\_May142025.txt” or “.docx” in a secure location.
- Optionally, print for records.
- Do **not** upload to public platforms (e.g., Archive.org).
- Share with patent attorney for PCT/provisional filing **today** (10:50 PM PDT, May 14, 2025).